

## **CHAPTER III**

### **RESEARCH METHOD**

This chapter describes the procedures used in conducting the research. It includes the research design, the research subjects, the data collection, and the data analysis.

#### **3.1 Research Design**

Research design is a set of method and procedures in collecting and analyzing the data that aims to combine relevance to the research problems of the research study. In this research, the researcher used qualitative research. According to Hancock et al. (2009), qualitative research focuses on the description and interpretation and might lead to development of new concepts or theory, or to an evaluation of an organizational process. It focuses on reports of experience or on data which cannot be adequately expressed numerically. In other words, the result of data from qualitative research is in the form of words or pictures.

Based on the explanation above, the researcher decided to use qualitative research design in this study to gather the data or information, because the researcher focuses on the description of students' anxiety in speaking activities at SMA Muhammadiyah 1 Malang.

#### **3.2 Research Subjects**

Subject is individual chosen by researcher to participate in the research study and become sources to get or collect the data. The subjects in this research study are the students at the eleventh grade at SMA Muhammadiyah 1 Malang and one English teacher who teaches the students' eleventh grade of SMA

Muhammadiyah 1 Malang. There were several classes at the eleventh grade students of SMA Muhammadiyah 1 Malang; XI IPA and XI IPS. The researcher decided to choose the students at the eleventh grade of IPS as the subject of this research. There were thirty seven students at the eleventh grade students of IPS involved in this research. The male are twenty one and female are sixteen. The averages of their ages ranging between sixteen to seventeen years old. They had studied English two month and learned speaking twice when the researcher did the research in the class.

### **3.3 Data Collection**

Data collection contains of the instruments and procedures employed in the research.

#### **3.3.1 Technique and Instrument**

Research instrument is a tool which is used to measure the phenomenon or issue that occur in order to obtain the data needed. According to Hancock et al. (2009, p. 16), there are several methods that used to collect the data, they are (1) observation, (2) focus group, (3) observation, (4) collection of documented material such as letters, diaries, photographs, (5) collection of narrative, and (6) open-ended questions in questionnaires (other aspects of are covered in the resource pack *surveys and questionnaires*).

In collecting research data, the researcher decides to use some techniques; those are questionnaires and interview.

##### **3.3.1.1 Questionnaire**

Questionnaires are the form of questions which is used to gain responses from students written and not face to face directly between researcher and

respondent. According to Timmins (2015), questionnaire is a sequence of questions provided on paper and aims to derive the information from the large numbers of people.

Questionnaire is used to gain the data from students. The questionnaire is distributed to the students in order to get the information about their understanding on anxiety, factors contribute their anxiety, and how they reduce their anxiety. In this research, the researcher uses *open-ended questionnaire* to collect the data from students. Open-ended questionnaire is the form of questionnaires provides some questions which the respondents will have freedom to answer those questions without any selecting answer which is provided by the researcher. These questionnaires will be distributed to the students after the teaching process and observation activities have conducted by the researcher.

#### **3.3.1.2 Interview**

According to Arifin (2014, p. 233), interview is technique of collecting the data which is conducted through conversation and question and answer either directly or indirectly. Regarding to this, he states that there are several types of interview, those are structured interview, unstructured interview and mixed interview. Structured interview is the form of interview in which the respondent must answer the questions which have provided in the list of questions in order the answers are appropriate with the question available. Semi structured interview is the form of interview in which the respondent answers the questions freely and the questions which are asked by interviewer are not available in the list. Then, mixed interview in which the questions asked by interviewer require the mixed answer, some are structured and some are free (Arifin, 2014, p. 233).

In this research, the researcher uses semi structured interview, because the researcher has prepared the list of questions and use it as the guide of interview. This research interview is conducted with English teacher relevant to the data needed.

### **3.3.2 Procedures**

There are several steps applied by the researcher in collecting the data.

The steps are as follows:

1. Distributing questionnaires at the eleventh grade students of IPS after finishing the teaching learning process;
2. Preparing the interview guide for English teacher;
3. Interviewing the English teacher about his/her strategies to reduce the student's anxiety;
4. Transcribing the recorded.

### **3.4 Data Analysis**

The data of this research which is collected through questionnaire sheets and interview will be analyzed qualitatively by using descriptive analysis. The steps of data analysis process after data collection consist of:

1. Gathering all of the data which is obtained from questionnaire and interview.
2. Reading all of the data which is obtained from questionnaire and interview;
3. Classifying the data from questionnaire and interview based on the factors contribute the student's anxiety and teacher's strategy;
4. Describing the data which have classified based on the factors contribute student's anxiety and teacher's strategy;
5. Making conclusion for the result of this research based on the data analysis.